



# Simret Tsegay


Computer Science Engineer

## Personal Detail

 Simret Tsegay

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## Skills

### Design & Prototyping:

Figma, Framer, Webflow, Spline

### Frontend Development:

HTML5, CSS3, JavaScript (ES6),  
React.js, TailwindCSS, Bootstrap

### Programming Languages:

Python, Java, JavaScript

### UI/UX Methods:

Wireframing, Prototyping,  
Usability Testing, User Flows,  
Design Systems

### Tools & Workflow:

Git, GitHub, Agile/Scrum, REST  
APIs

### 3D Modeling:

Blender

### Soft Skills:

Communication,  
Team Collaboration,  
Critical Thinking

## Languages

English

Amharic

Tigrigna

## Career Objective

Creative and detail-oriented Computer Science and Engineering graduate with strong experience in **UI/UX design, front-end development**, and applied **AI/NLP** projects. Skilled in creating user-centered interfaces, conducting usability testing, and collaborating in agile teams.

## Education

Bachelor of Science in Computer Science  
Mekelle University, Ethiopia

CGPA: 3.92 / 4.0  
Graduated: June 2025

**Relevant Coursework:** Data Structures, Algorithms,  
UI/UX Design, Web Development, Database Systems

## Thesis & Mini Project:

Developed an AI-powered trauma support platform integrating VR, NLP, and multimedia. Led front-end development for immersive experiences, chatbot interaction, and personalized content delivery.

**Immersive VR-Supported Geography Lecture Platform** Developed an interactive 3D environment for elementary students to explore geography concepts through VR.

## Projects & Experiances

### Front-End Developer

NovaLabs — Addis Ababa, Ethiopia (Remote)  
Jan 2024 – Apr 2025

- Built responsive web apps using React.js, ES6, and TailwindCSS.
- Integrated REST APIs and optimized UI performance.
- Collaborated with designers and participated in Agile workflows using Git/GitHub.

### UI/UX Design Intern

Vite Technologies PLC — Mekelle, Ethiopia  
Nov 2024 – Feb 2025

- Redesigned the Franc Core Banking System for improved usability and performance.
- Conducted user research, wireframing, prototyping, and testing using Figma.
- Collaborated in Agile teams and delivered design specs for smooth developer handoff.

### Sentiment & Emotion Detection System – NLP

Built a sentiment analyzer with LSTM & BERT (92% accuracy on IMDB); deployed demo interface. Extended to detect emotions in Tigrigna texts using deep learning on a custom dataset.

## Certifications & Learning

### Meta Front-End Developer – React (Coursera)

Learned React components, state, hooks, routing, and deployment. Built interactive web apps with modern JavaScript.

### Responsive Web Design – freeCodeCamp

Mastered HTML5, CSS3, Flexbox, Grid, and mobile-first responsive design.

### UI/UX Design Fundamentals – UXCel

Studied wireframing, visual hierarchy, accessibility, color theory, and UX patterns for web and mobile